FIG. 1

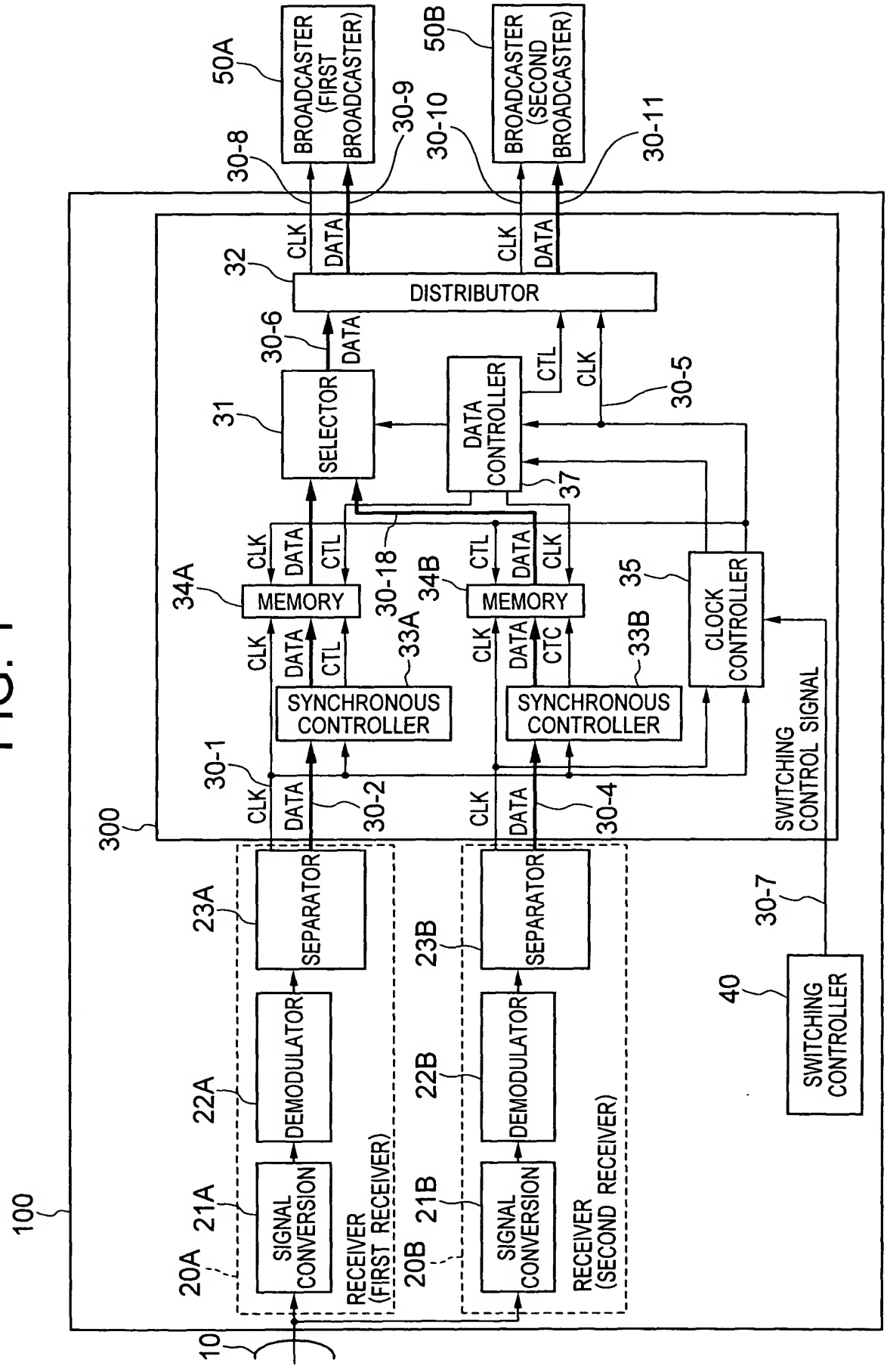
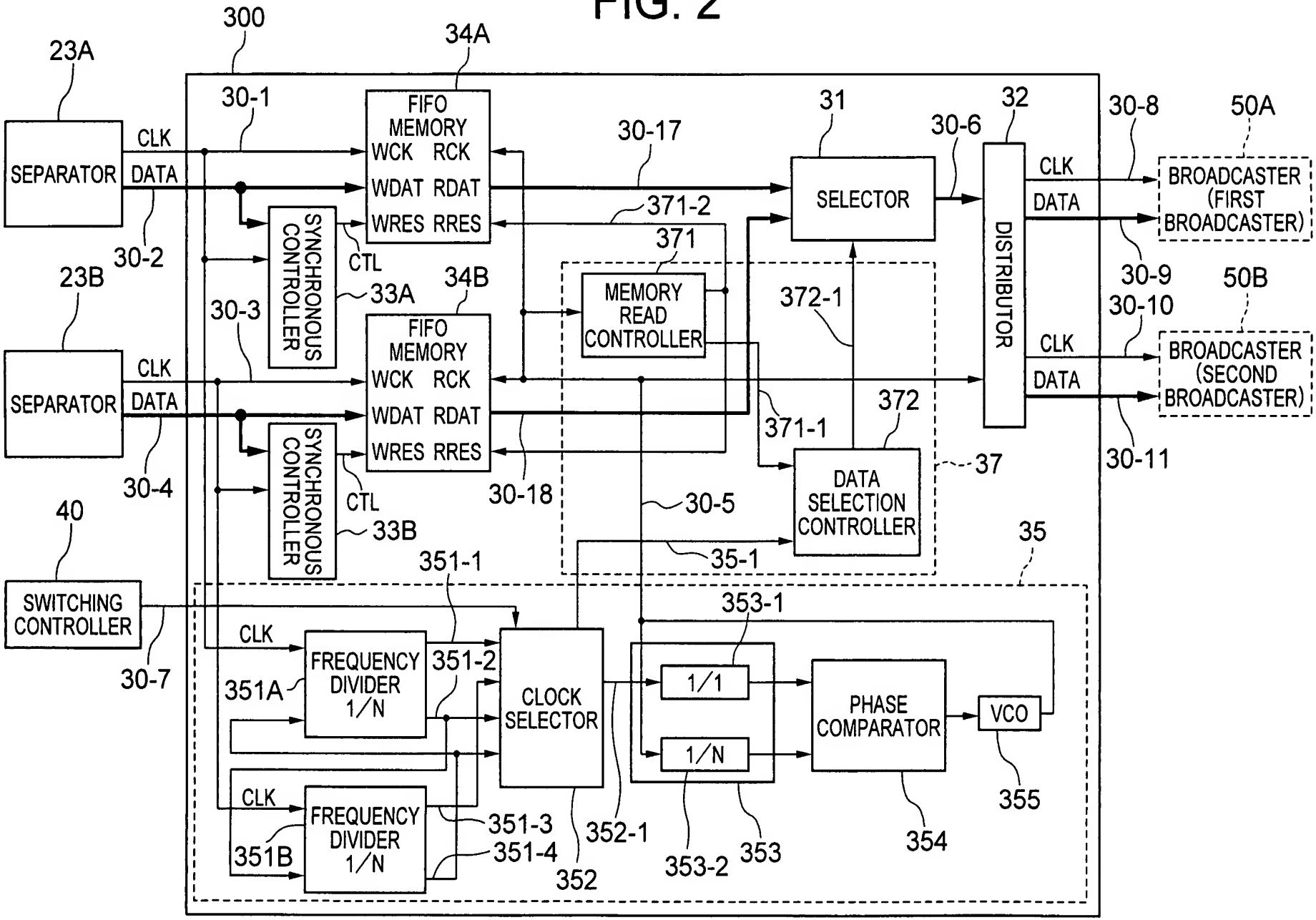
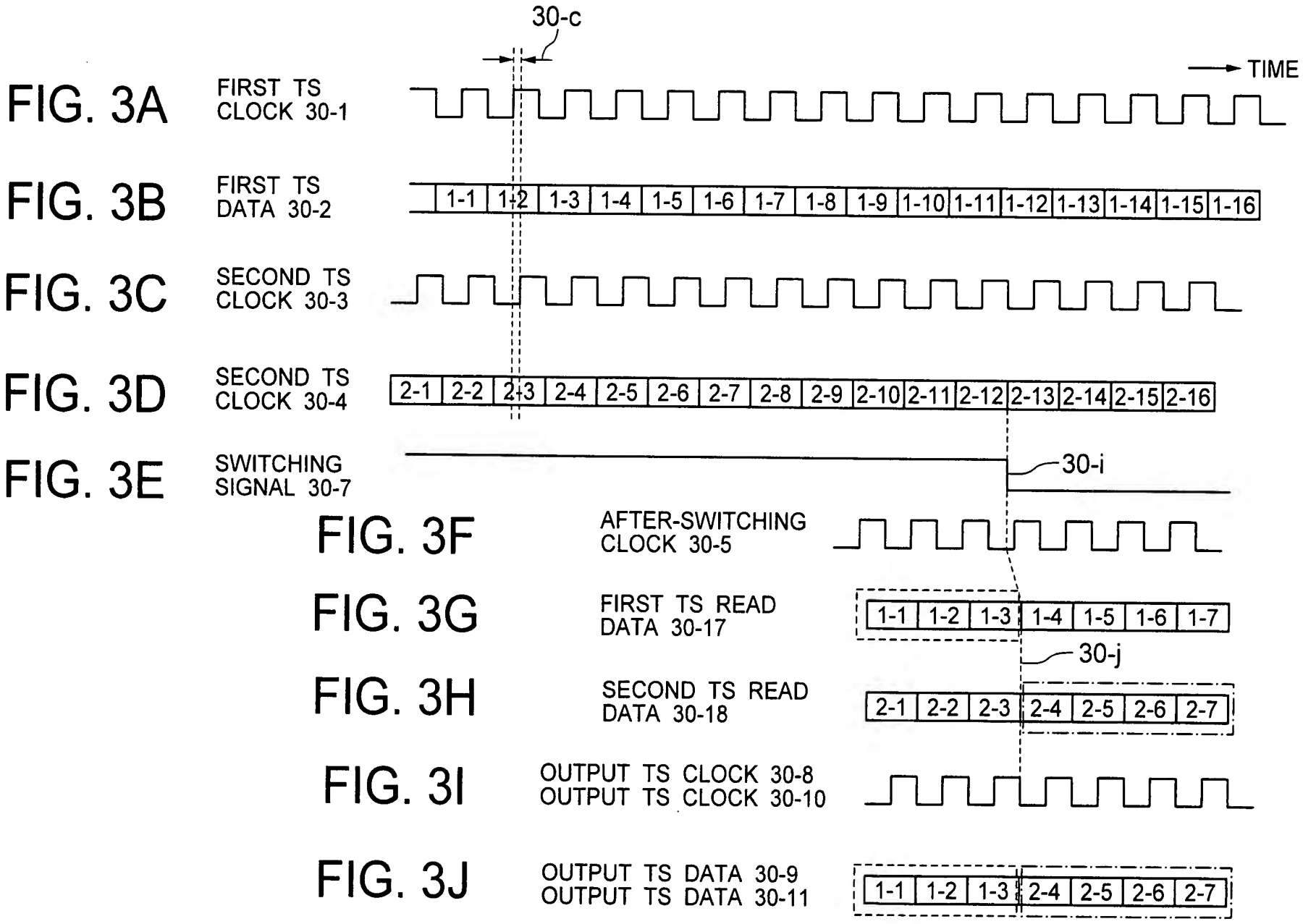

100
10
20A
20B
21A
21B
22A
22B
23A
23B
RECEIVER (FIRST RECEIVER)
RECEIVER (SECOND RECEIVER)
SIGNAL CONVERSION
DEMODULATOR
SEPARATOR
300
30-1
30-2
30-4
30-5
30-6
30-7
30-8
30-9
30-10
30-11
30-18
31
32
33A
33B
34A
34B
35
37
40
50A
50B
CLK
DATA
CTL
CTC
SELECTOR
DISTRIBUTOR
DATA CONTROLLER
MEMORY
SYNCHRONOUS CONTROLLER
CLOCK CONTROLLER
SWITCHING CONTROL SIGNAL
SWITCHING CONTROLLER
BROADCASTER (FIRST BROADCASTER)
BROADCASTER (SECOND BROADCASTER)

FIG. 2


300
23A
34A
30-1
SEPARATOR
CLK
DATA
30-2
FIFO MEMORY
WCK RCK
WDAT RDAT
WRES RRES
30-17
31
32
30-6
30-8
50A
SELECTOR
DISTRIBUTOR
CLK
DATA
BROADCASTER (FIRST BROADCASTER)
371-2
371
SYNCHRONOUS CONTROLLER
CTL
33A
23B
34B
30-3
MEMORY READ CONTROLLER
372-1
30-9
50B
30-10
SEPARATOR
CLK
DATA
30-4
FIFO MEMORY
WCK RCK
WDAT RDAT
WRES RRES
BROADCASTER (SECOND BROADCASTER)
372
371-1
SYNCHRONOUS CONTROLLER
CTL
33B
30-18
DATA SELECTION CONTROLLER
37
30-11
30-5
40
35
35-1
351-1
353-1
SWITCHING CONTROLLER
30-7
CLK
FREQUENCY DIVIDER 1/N
351-2
351A
CLOCK SELECTOR
1/1
1/N
PHASE COMPARATOR
VCO
355
CLK
FREQUENCY DIVIDER 1/N
351-3
351-4
351B
352
352-1
353-2
353
354


30-c
TIME
FIG. 3A
FIRST TS CLOCK 30-1
FIG. 3B
FIRST TS DATA 30-2
1-1 1-2 1-3 1-4 1-5 1-6 1-7 1-8 1-9 1-10 1-11 1-12 1-13 1-14 1-15 1-16
FIG. 3C
SECOND TS CLOCK 30-3
FIG. 3D
SECOND TS CLOCK 30-4
2-1 2-2 2-3 2-4 2-5 2-6 2-7 2-8 2-9 2-10 2-11 2-12 2-13 2-14 2-15 2-16
FIG. 3E
SWITCHING SIGNAL 30-7
30-i
FIG. 3F
AFTER-SWITCHING CLOCK 30-5
FIG. 3G
FIRST TS READ DATA 30-17
1-1 1-2 1-3 1-4 1-5 1-6 1-7
30-j
FIG. 3H
SECOND TS READ DATA 30-18
2-1 2-2 2-3 2-4 2-5 2-6 2-7
FIG. 3I
OUTPUT TS CLOCK 30-8
OUTPUT TS CLOCK 30-10
FIG. 3J
OUTPUT TS DATA 30-9
OUTPUT TS DATA 30-11
1-1 1-2 1-3 2-4 2-5 2-6 2-7

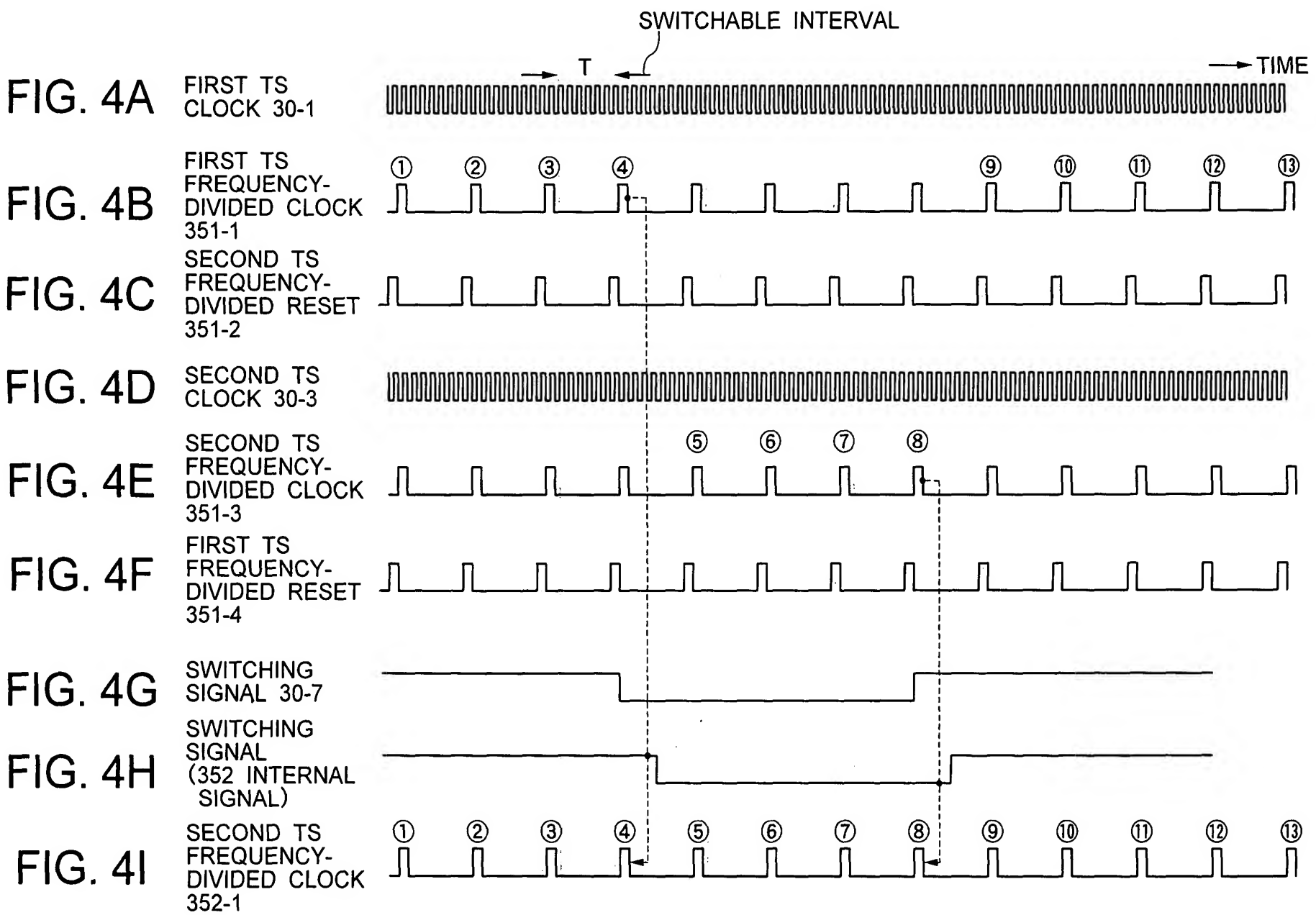

SWITCHABLE INTERVAL
T
TIME
FIG. 4A
FIRST TS CLOCK 30-1
FIG. 4B
FIRST TS FREQUENCY-DIVIDED CLOCK 351-1
FIG. 4C
SECOND TS FREQUENCY-DIVIDED RESET 351-2
FIG. 4D
SECOND TS CLOCK 30-3
FIG. 4E
SECOND TS FREQUENCY-DIVIDED CLOCK 351-3
FIG. 4F
FIRST TS FREQUENCY-DIVIDED RESET 351-4
FIG. 4G
SWITCHING SIGNAL 30-7
FIG. 4H
SWITCHING SIGNAL (352 INTERNAL SIGNAL)
FIG. 4I
SECOND TS FREQUENCY-DIVIDED CLOCK 352-1
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬

FIG. 4J VCO OUTPUT 355-1

FIG. 4K VCO FREQUENCY-DIVIDED CLOCK 353-2

FIG. 4L CLOCK SELECTOR OUTPUT 352-1

FIG. 4M INPUT 353-1 TO PHASE COMPARATOR